



23646

PATENT TRADEMARK OFFICE



Attorney Docket No. 32492/41888

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

FFW

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Applicant(s): Susana Curatolo

Serial No.:

10/751,946

Art Unit: 3742

Filed:

January 7, 2004

Examiner:

For:

MELTING AND VAPORIZING APPARATUS AND METHOD

SUBMISSION UNDER 37 C.F.R. 1.56, 1.97 & 1.98
INFORMATION DISCLOSURE STATEMENT

JUL 30 2004

Mail Stop DD
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

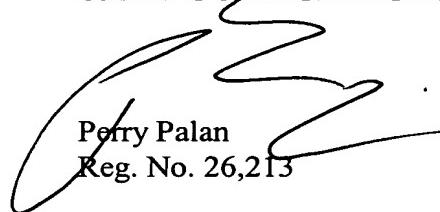
Sir:

To comply with the duty of disclosure set forth in 37 C.F.R. 1.56, the prior art listed on the attached PTO-1449 is submitted herewith to the Examiner for consideration in connection with the examination of the above-identified application.

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Account No. 02-1010 (32492/41888).

Respectfully submitted,

BARNES & THORNBURG LLP



Perry Palan
Reg. No. 26,213

Enclosure

O I P
LIST OF DOCUMENTS CITED BY APPLICANT
(Use several sheets if necessary)

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AE	Onaga, L.: "Fusion in a flash? Science researchers report nuclear emissions from tiny, super-hot collapsing bubbles," American Association for the Advancement of Science (March 4, 2002).
	AF	Dagani, R.: "Hubbub over 'bubble fusion': Much-disputed paper offers evidence of nuclear fusion in a tabletop apparatus," Chemical & Engineering News, vol. 80, no. 10 (March 11, 2002).
	AG	"Evidence bubbles over to support tabletop nuclear fusion device," Purdue News (March 2, 2004).
	AH	"Inertial-confinement fusion driven by pulsed power yields thermonuclear neutrons," Physics Today, pp. 19-21 (July 2003).
	AI	"Units and conversion factors," http://www.chembio.uoguelph.ca/educmat/chm386/convfact.htm (July 10, 2003).
	AJ	Bailey, J.E., et al.: "Hot dense capsule implosion cores produced by z-pinch dynamic hohlraum radiation" (2003).
	AK	Smirnov, V.P.: "Fast liners for inertial fusion," Plasma Physics and Controlled Fusion, vol. 33, no. 13, pp. 1697-1714 (1991).
	AL	Evarestov, R.A., et al.: "Symmetrical transformation of basic translation vectors in the supercell model of imperfect crystals and in the theory of special points of the Brillouin zone," J. Phys.: Condens. Matter 9, pp. 3023-3031 (1997).
	AM	Bailey, J.E., et al.: "X-ray imaging measurements of capsule implosions driven by a z-pinch dynamic hohlraum," Physical Review Letters, vol. 89, no. 9, pp. 95004-1-095004-4 (Aug. 26, 2002).
	AN	Papka, P., et al.: "Large deformation effects in the N=Z ⁴⁴ Ti compound nucleus," 10 th International Conference on Nuclear Reaction Mechanisms, Varenna, Italy, June 9-13, 2003.
	AO	Di Stefano, P.C.F., et al.: "A textured silicon calorimetric light detector," arXiv:physics/0307042 v1 (July 7, 2003).
	AP	
	AP	

EXAMINER:

|| DATE CONSIDERED:

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.